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PATENT ABSTRACTS OF JAPAN

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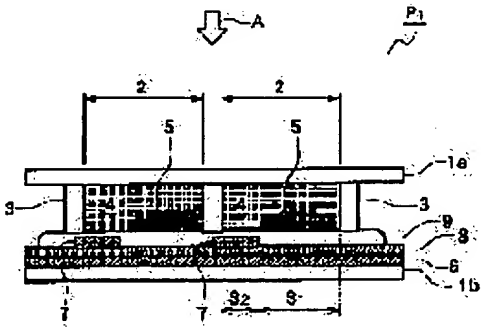
(54) MANUFACTURE OF DISPLAY DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To improve display quality by eliminating dispersion in display density between sections (picture elements).

SOLUTION: When leaving charged electrophoretic particles 5 charged, by applying a voltage of appropriate polarity to electrodes 6, 7, the charged electropohoretic particles 5 can be distributed to a position shown in Fig. When the electrodes 7 and the charged electrophoretic particles 5 are colored in the same color, the color is displayed. By doing such displaying separately at each of sections (picture elements) 2, any image can be displayed. In the manufacturing method of this display device, to one substrate of paired substrates before being spacedly placed, a plurality of the charged electrophoretic particles 5 are sprinkled so that each of the sections 2 has an approximately equal quantity, and distribution of a dispersing liquid 4 for electrophoresis is done after sprinkling a plurality of the charged electrophoretic particles 5. Because the equal quantity of the charged electrophoretic particles 5 is distributed to each of the sections 2, dispersion in display density between the respective picture elements 2 can be eliminated.



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